REPORT

ON THE

HEALTH

OF THE

BOROUGH OF SUTTON COLDFIELD

FOR THE YEAR 1908,

BY

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BIRMINGHAM:

BUCKLER & WEBB LIMITED, PRINTERS, CHURCH STREET.

1909.

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Medical Officer of Health's Office,

14, Temple Street, Birmingham,

February 4th, 1909.

To the Sanitary and Buildings Committee.

Mr. Chairman and Gentlemen,

1. I have the honour to present to you my Twenty-third Annual Report on the Sanitary Condition of the Borough, and in order to make comparison with previous reports as easy as possible, I have adopted the same general arrangement of tabular forms.

AREA.

2. This is the same as last year, namely, 13,030 acres, and as there has been no alteration in the Ward Boundaries, the area is sub-divided as follows:—Boldmere Ward, 1,051 acres; Hill, 2,907; Maney, 848; Trinity, 3,223; Walmley, 4,242; and Wylde Green, 759.

POPULATION.

3. It is now seven years since the Census was officially taken, and in order to estimate the population as correctly as possible, it is necessary to rely in a Borough like Sutton Coldfield, subject to considerable fluctuations in development, on the number of inhabited houses according to the Rate Book in the middle of the year. The Borough Rate Collector informs me that in June the number of houses occupied in the Borough was 4,456, and by multiplying this number by 4.64—this being the average number of persons found in each house at the last Census—the population would appear to be 20,675. The

Princess Alice Orphanage was reported to contain 277 persons, so that our total population, estimated to the middle of 1908, would be 20,952. These figures show an increase of population of 561 compared with my estimate of the previous year. It will thus be observed that the estimated increase during 1908 has been only about half that of the previous year.

4. The following table shows the population divided among the Six Wards:—

WARDS.	Area in Acres.	Population.
Boldmere Ward	1,051	5,200
Hill Ward	2,907	3,433
Maney Ward	848	4,250
Trinity Ward	3,223	3,916
Walmley Ward	4,242	1,462
Wylde Green Ward	759	2,691
	13,030	20,952

BIRTHS.

5. Three hundred and seventy-nine births have been registered during the year, viz., 180 males and 199 females. This is 23 less than in the previous year, and gives us a Birth Rate on the estimated populaion of 17.74, compared with19.71 in 1907.

6. This Birth Rate is the lowest recorded in the last ten years, in fact, it is no less than 2 per 1,000 less than the previous lowest, this being the 1907.

7. The number of illegitimate births was rather large, namely, 8, compared with 9 and 4 in the two previous years.

8. The Notification of Births Act has not been adopted by your Council, though I am of opinion that by its adoption much might be done to lower the rate of infant mortality, provided

a Health Visitor were appointed, to visit and advise mothers on the care of infants soon after birth. Some visiting of infants has been done by the County Council Health Visitors with excellent effect, but the staff of Health Visitors in the County is such that only a portion of the time of each can be given to this work in each particular district.

DEATHS.

9. One hundred and ninety-four deaths have been registered in the Borough during the year, namely, 97 males and 97 females. Of these 7 were visitors to the Borough, while 11 persons died (who originally belonged to the Borough) in the Aston Union Workhouse, and 5 in the Birmingham Hospitals. Correcting the number of deaths by these additions, we find that the total number of deaths to be debited to the Borough is 203, and on the estimated population for the year this gives us a Death Rate of 9.5. Last year I was able to say that the Death Rate then recorded was the lowest known in the Borough, and although, as was to be expected, the Death Rate is a little higher than in the previous year, yet it is 1½ per 1000 below the average of the last ten years.

10. The following table shows the Birth, Death, and Zymotic Death Rates for the past ten years:—

	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.
Birth Rate	22·46	22·18	23·61	24·02	21·90	20·54	19·90	20·62	19·71	17·74
Death Rate	12·18	11·57	11·87	11·79	11·97	10·44	9·19	9·71	8·97	9·50
Zymotic Death Rate	0·60	0·75	0·62	0·61	0·66	0·39	0·64	0·82	0·34	0·93

11. This table in one respect is somewhat melancholy, pointing out, as it does, the very low and falling Birth Rate, and the consequent deficiency of infants and young children in the Borough; but as regards the Death and Zymotic Death Rates, the return may be considered perfectly satisfactory.

12. The following table shows the Birth, Death, and Zymotic Death Rates for the separate Wards of the Borough :—

WARDS.	Population.	Birth Rate.	Death Rate.	Zymotic Death Rate.
Boldmere ...	5,200	18·11	8·86	1·32
Hill	3,433	19·34	11·72	1·42
Maney	4,250	16·39	10·85	0·92
Trinity	3,916	15·02	7·49	0·25
Walmley	1,462	22·81	8·05	1·34
Wylde Green ...	2,691	21·51	9·44	0·36

13. These figures show the Birth Rate to have been highest in Walmley Ward and lowest in Trinity Ward. The Death Rate was lowest in Trinity Ward and highest in Hill Ward, while the Zymotic Death Rate was highest in Hill Ward and lowest in Trinity Ward. In no ward, however, was there any marked fatality from Zymotic disease.

14. Of the 203 deaths, 38 occurred in children under one year of age, and 16 between one and five years. This gives us a satisfactory rate of Infant Mortality, viz., 95 per 1000 registered births, though nearly 50 per cent. higher than in the previous year, when it was extremely low.

15. Last year I said that the Rate of 65 per 1,000 was probably the normal Rate which we could hope to obtain, supposing there were no Infant Mortality caused by remedial conditions, and to that I adhere. Compared with the rest of the country the Rate is fairly low. I am of opinion that several lives could have been saved had the best conditions for infant life obtained.

16. The following table shows at a glance the rates of Infant Mortality:—

Annual Rate of Mortality.	Percentage of Deaths of Infants under One Year to Total Deaths.	Percentage of Deaths of Children under Five Years to Total Deaths.	Percentage of Deaths of Infants under One Year to Registered Births.
9·50	18 7	26·6	9·5

17. The causes from which infantile deaths were registered were as follow:—Whooping Cough, 2; Diarrhœa, 3, Premature Birth, 9; Debility, 4; Convulsions, 2; Bronchitis, 2; Tubercular Meningitis, 3; Pneumonia, 3; Congenital Defects, 3; Enteritis, 2; other Tubercular diseases, 2; other causes, 3.

18. The unsatisfactory feature of these figures is the large number of deaths from premature birth and congenital defects, pointing almost certainly to a deficient vitality in many of the mothers.

19. The satisfactory feature of the return is the small mortality from Zymotic diseases, only two deaths being due to Whooping Cough and three to Diarrhœa. It was to be expected, looking at the fact that a considerable portion of the summer was warm and dry, that Infantile Diarrhœa would have been more fatal.

20. The following table shows the distribution of Births and Deaths in each quarter:—

1908.	Births.	Birth Rate.	Deaths.	Death Rate.	Zymotic Death Rate.
1st Quarter	91	17·37	65	12·41	2·10
2nd ,, ...	102	19·47	46	8·78	0·38
3rd ,, ...	100	19·09	42	8·00	0·19
4th ,, ...	86	15·24	50	9·03	1·06

21. The Birth Rate was highest in the second quarter, while the Death Rate was highest in the first quarter, indeed very much higher than in any of the others. It was lowest in the third quarter, which I am of opinion is a very satisfactory feature.

22. The proportion of deaths in aged persons, that is those over 65 years of age, compared with the total was very satisfactory, being no less than 36.4.

ZYMOTIC DISEASES.

23. Twenty deaths were registered from the seven principal Zymotic Diseases, viz.:—Scarlet Fever, 3; Measles, 1; Diphtheria, 5; Typhoid Fever, 1; Whooping Cough, 6; and Diarrhœa, 4.

24. *Epidemics.* — The fact that 6 deaths occurred from Whooping Cough points to the fact that there was some epidemic prevalence of this disease, though as it is not notifiable, and as most of the children are too young to attend school, but little is heard of the cases unless they prove fatal.

25. *Smallpox.*—I am pleased to again report that not a single case of this disease was notified during the year.

26. *Scarlet Fever.*—63 cases of this disease were notified compared with 44 and 14 in the two previous years. Looking at the fact that our population exceeds 20,000, there is not the slightest doubt that the number of Scarlet Fever cases notified of late years has been remarkably few, fewer indeed than we have any right to expect, and I am of opinion that although the number of cases notified has been considerably higher than of late years, yet that on the whole the figure is satisfactory.

27. The case mortality has been about the same as in the previous year, three deaths having been registered from it. The disease occurred almost exclusively in the three wards of Hill, Boldmere, and Wylde Green, no less than 53 out of the 63 cases occurring in these three Wards.

28. *Measles.*—This disease has been but little prevalent, and only one death was registered, namely, in Walmley Ward. Owing to several cases being reported, chiefly in the northern part of the town, four schools were closed during the year, with the result that the prevalence was very speedily abated.

29. *Whooping Cough.* Six deaths were registered from Whooping Cough, compared with 2 and 4 in the two previous years. As I have so often pointed out, this is a Zymotic disease of very early life, in fact it may almost be said to be a disease of infant life, and as it is not notified except under special circumstances, nothing is known of the occurrence of the disease, particularly in the rural portions of the Borough.

30. *Diphtheria.*—Twenty-eight cases of this disease have been notified in the Borough, of which five proved fatal. This is an increase, both in the number of cases and deaths, on the previous year.

31. One of the cases which proved fatal was imported direct to the Princess Alice Orphanage. The other cases all occurred within the confines of the Borough.

32. It is somewhat curious that as in the previous year, the majority of the cases occurred in Hill Ward, and this is the Ward in which an extension of the sewerage is required.

33. In many of the cases, particularly in Hill Ward, drains in an unsatisfactory state were found. In one house, where three cases occurred, it was found that the drains were full of sewage backed up from a dumb well, and considerable difficulty was found in remedying this and also preventing its recurrence. It is with satisfaction, therefore, that I can record that a scheme for the drainage of this Ward has been drawn up, and an Enquiry has been held by the Local Government Board for the purpose of granting a loan for carrying out the work.

34. I am very pleased to be able to state that in many instances at the present time there is a growing tendency for medical practitioners to make use of the provision of the County

Council, whereby swabs from Diphtheria cases can be tested. Not only is this of great advantage in forming an opinion as to whether or not a suspicious throat is one of true Diphtheria, but there is a still greater advantage to be derived from keeping the patient under observation until one or more swabs have been taken which on examination give a negative result. In several instances during the year this procedure has been adopted, to the great advantage of the patient and the public at large.

35. *Typhoid Fever.*—Three cases—the same number as last year—were notified, of which one proved fatal. In one case there was undoubted association with oyster poisoning, because the Sutton Coldfield case was associated with that of a personal friend in Birmingham, who also after the consumption of oysters became infected with the disease. In the other two cases no cause could be discovered, and in neither case was any sanitary defect found on the premises.

36. *Diarrhœa.*—I have before stated that I consider the mortality, viz., four cases—of which three occurred in infants—satisfactory, looking at the fact that the climatic conditions tended somewhat to pre-disposition to Diarrhœa.

37. *Influenza.*—A curious fact is to be noted in connection with this disease, namely, that six deaths were registered from it, though there was no marked increase in the deaths from diseases of the respiratory organs.

38. *Phthisis.* — I am glad to be able to record a slight diminution in the deaths from this disease. The total number registered was 12, compared with 13 and 16 in the two previous years. This gives us, therefore, a reduced rate, namely, 6.4 per cent. of the total deaths, compared with 7.1 in the previous year. This in my opinion is a satisfactory record.

39. A good deal of attention is given in the Borough to the prevention of infection in this disease, and in every case where Phthisis is known to exist, the house is visited and a leaflet

giving instructions as to the conduct of the patient is left and explained, while, in addition, when a case proves fatal, the belongings of the patient and the rooms he has occupied are cleansed and disinfected.

40. A new departure has been made by the Local Government Board in ordering from the beginning of 1909 a notification of cases of Phthisis in paupers by the District Medical Officer. This will be of great service in allowing measures to be taken to prevent the spread of the disease to other inmates of the houses where the patients live. I may add that there is no system of notification of Phthisis, other than this, in vogue in the Borough, nor is there any institution where Phthisical cases are received.

41. *Diseases of the Respiratory Organs.*—The number of deaths registered from these diseases was 27, compared with 21, 17, and 20 in the three previous years.

42. *Cancer.*—The number of deaths from Cancer, namely, 18, was the same as in the previous year, so that as I have before pointed out, there is not any marked tendency for increase of mortality under this head, particularly if we bear in mind that there is a large number of aged persons collected in the Borough.

SANITARY CONDITIONS AT THE END OF THE YEAR.

43. I can again state that the work which has been done by the Sanitary Staff has tended to make an advance in the sanitary conditions of the Borough during the year, and when one or two important sanitary deficiencies have been remedied the conditions appear to be likely to be still further improved.

AN ACCOUNT OF ENQUIRIES MADE AS TO CONDITIONS INJURIOUS TO HEALTH, AND OF THE PROCEEDINGS ADVISED; ALSO AN ACCOUNT OF THE SUPERVISION EXERCISED OVER PLACES AND HOUSES WHICH THE SANITARY AUTHORITY HAVE POWER TO REGULATE, WITH THE ACTION TAKEN IN REGARD TO OFFENSIVE TRADES.

44. The inspection of the Borough has been maintained as in previous years. Every complaint made to any department has been attended to, and all defects found have been remedied as soon as possible.

NOTIFICATION.

45. One hundred and five cases of Infectious Diseases have been notified during the year, an increase on that of the two previous years. The cost of these notifications has been £13 5s.

ISOLATION.

46. Thirty-five cases of Scarlet Fever have been isolated in Hospital during the year, a larger number than in the two previous years, but, as I have before pointed out, of late years there has been nothing in the way of undue prevalence in the district, and it was to be expected that in the near future an increase of cases would require isolation and treatment.

47. The Wards from which the patients were removed were:—Hill, 13; Maney, 5; Trinity, 3; Wylde Green, 11; and Boldmere, 3.

DISINFECTION.

48. Disinfection has been thoroughly well carried out within the Borough, and wherever Infectious Diseases have been notified the premises have been disinfected by the Inspector or his assistant by the Formahaldeyde spray, and in some instances by Formaline fumigation. All clothing, bedding, etc., has been sent away to the Steam Disinfecting Station for disinfection in the ordinary course, after the termination of the illness.

49 Ninety-five houses have been disinfected, and ninety five lots of bedding, clothing, etc., have been sent to the station, or else in some few instances — by arrangement — destroyed, when it was thought more suitable for destruction to take place.

SCHOOLS.

50. As I have before noted, I thought it desirable to close four schools owing to the prevalence of infectious diseases. In each case, after such closure, efficient disinfection was carried out, while in five other instances I thought, though closure was undesirable, that it would be better to disinfect the schools when odd cases of infectious disease had occurred.

51. As regards the closure of Schools, I desire to state that except in special instances I do not look with favour on this measure. I am convinced that in many cases a better result to the public interest is effected by careful exclusion of any infected or doubtful cases, or in some instances by exclusion of children from infected houses. This method I have adopted, and while it is generally effective from the public health point of view, there is less tendency to interfere with the educational work of the scholars.

52. During the last few weeks of the year Medical Inspection of certain of the scholars was commenced. I propose to deal with this matter at a later date in a Supplementary Report.

SEWERAGE AND SEWAGE DISPOSAL.

53. I am indebted to Mr. Clarry, the Borough Surveyor, for the following particulars of work done in his department :—

> "New sewers were laid in Mulroy Road from Anchorage Road to the road by the Midland Railway, and short lengths in Ladywood Road, Kingsbury Road, and Wylde Green Road.
>
> "Surface water drains were laid in Mere Green Road, Walmley Road, Marston Road, Chester Road, and Riland Road.
>
> "The scheme for the Hill and Streetly Districts is now before the Local Government Board; when their sanction is received steps will be taken to commence the work. The Board have also applications before them for the sewer-

ing of Walmley Road and the laying of an outfall sewer from Rectory Road to the main outfall culvert in the Newhall Fields.

"Sixty-five connections have been made to the public sewers, and by this means 74 houses have been effectually drained, while 148 water closets have been put in. Four houses were connected to cesspools draining six closets."

54. In connection with the above statement, I should like to say how much I appreciate the fact that application has been made for a loan, and an enquiry held for the purpose of draining the Streetly District. I have long pointed out how important it is for this district to be put in reasonable sanitary order, and I may further state that it is impossible for a district to be considered reasonably satisfactory when its population becomes comparatively dense, and it has to rely on dumbwells and cesspits for taking its refuse and waste water. I hope, therefore, that during the current year this work will be completed, to the great advantage of the northern part of the Borough.

REMOVAL OF HOUSEHOLD REFUSE.

55. It is a matter of regret that I cannot yet chronicle the fact that a start has been made in commencing operations to this end. Many difficulties have cropped up, and although I am informed vans have been purchased, yet that owing to the fact that the Local Government Board has not yet sanctioned the loan for the purchase of a depot, actual removal has not commenced. That the matter is urgent I am convinced. I have several times during the year found evidence of household refuse deposited immediately around dwellings, on walks, and on garden patches close to the house, and as owing to the present system many landlords are in the habit of ordering the removal of waste to be delayed as long as possible, there is a marked tendency to improper collection of refuse for long periods near houses, and also a very marked tendency to allowing overflow from receptacles in which it is placed.

56. Though I cannot yet state that a periodical public removal has commenced, I am gratified to be able to state that a much larger number of ashpits have been regularly emptied. The number of such receptacles emptied under the scheme by order of the Inspector has been 6,387, compared with 2,962 in the previous year. To a considerable extent this increase has been due to two of the property owners in the Borough making arrangements with the Inspector for periodical removal at their own expense.

57. I am very pleased to record also that no less than 38 old-fashioned privies have been altered to water-closets, and the Inspector tells me that over the whole area of the Borough not more than 50 of these insanitary arrangements are now left. I would urge therefore, that the attempts to get those existing substituted by water-closets be still maintained until the last one is removed.

58. Referring to a paragraph in my Report for 1907 on water-closets (so-called) without automatic water flushing cisterns, I am glad to say that an effort has been made to reduce the number existing, and I have no doubt that during the present year the number of these waterless water-closets will be still further reduced.

WATER SUPPLY.

59. I have every alternate month analysed a sample of the water supplied to the Borough by the South Staffordshire Water Co. In each case, I am glad to say, the water has been good and satisfactory in quality. Of the four samples of pump water which I have analysed two were condemned as unfit for use owing to pollution, and measures were taken for the cleansing of these wells, and as a result a marked improvement was observed, and the water became suitable for drinking and general domestic purposes.

OVERCROWDING.

60. The Inspector reports that not a single case of overcrowding was reported to him, nor did any such case come under his own personal observation.

SLAUGHTER HOUSES.

61. As regards these the Inspector has, as in the past, paid great attention. He has altogether made 82 visits to the nine Slaughter Houses in the Borough. He reports that they have been kept in good order as regards cleanliness, and that the drainage, pavement, and water supply have all been maintained in proper order.

OFFENSIVE TRADES.

62. Only one place coming under this heading exists in the Borough, and this of a comparatively innocent type, namely, that of a tripe boiler. No complaints have been made during the year, and the premises, on inspection, have been found to be satisfactory.

DAIRIES AND COWSHEDS.

63. The Inspector reports that he has inspected all the Cowsheds and Dairies in the Borough, and altogether has paid 47 visits to the former and 30 to the latter. He states that the improvement which he was able to chronicle last year has been maintained, and that as regards the removal of manure further improvement is noticed in that two of the largest producers remove all manure, etc., from their premises every day, with the consequence that greater cleanliness is observed in carrying out the business. He also informs me that he notices in these instances a great improvement in the cows as regards cleanliness, and when we consider that one of the difficulties at the present time is maintaining the cleanliness of the milk as regards organic dirt, we see that a marked advance has been made in this respect.

ADULTERATION OF FOOD.

64. As in past years, this work has been left to the Food and Drugs Inspectors of the County, and no samples have been submitted on behalf of the Committee of your Borough.

NEW STREETS AND BUILDINGS.

65. Mr. Clarry, the Borough Surveyor, has given me the following particulars:—

> "During the year plans were approved for 106 Houses, including 7 Shops, Church Club Rooms, Workshop, Golf Pavilion, Cowhouse, Laundry, Office, 2 Schools, 4 Motor Houses, 4 Coach-houses, 6 Sheds, 4 Stables, 28 Alterations and Additions, etc., making a total number of plans approved 96, which is a little over half those approved last year.
>
> "The number of houses passed on completion and certified as fit for habitation was 100, being 90 less than last year."

66. These figures show a further falling off in the number of plans submitted and the number of houses completed, and this may undoubtedly be attributed to the general falling off in trade in the Midlands during the last year.

The condition of the larger number of small houses in the Borough is satisfactory. In some of the outlying portions many cottages are old, but it has not been thought necessary to take any steps under the Housing of the Working Classes Act during the year.

VACCINATION.

67. I am glad again to be able to call attention to the satisfactory work accomplished by the Vaccination Officer. During the period under review, out of 404 births registered, 324 cases were successfully vaccinated, but the percentage is not quite so high as in the previous year, which is due almost entirely to the fact that 28 parents obtained certificates of con-

scientious objection, compared with eight in the previous year. I have so often written as to the meaning of this, when looked at from the scientific point of view, that all I will do at the present time is to deplore the fact that if this tendency to obtain exemption from vaccination proceeds, not only will there be in the future less immunity from one of the most terrible diseases afflicting mankind, but that the Corporation will have to provide considerable sums of money for dealing with the inevitable outbreak of Small-pox when it comes.

FACTORIES AND WORKSHOPS ACT.

68. In the Appendix will be found two tables, giving particulars of the numbers of Factories and Workshops in the Borough during the year. The Inspector informs me that on the whole he considers the premises are maintained in a satisfactory manner, and that, as regards the Bakehouses, an improvement has been observed.

METEOROLOGY.

69. Mr. Clarry, the Borough Surveyor, has again supplied a copy of his Meteorological Returns, taken at the Park Lodge and the Council House respectively, and the figures as shown therein are of considerable interest from the public health point of view.

70. First of all, referring to the temperature, I find that the mean for the year was 47.8, compared with 46.9 in the previous year. This increase of the mean for the year, looking at the fact that we had a pleasant, warm summer, one would have expected.

71. The Rainfall was slightly lower, being 27.34, compared with 28.35 in the previous year, but the difference of the two summer seasons is observed, when we find that the number of rainy days in 1903 was only 168, compared with 183 in the previous year, and that in the months of June and July the number of rainy days was only 21, compared with 38 in the two months of the previous year.

72. As regards maximum temperature, the highest rate was shown on the 4th of July, when the temperature reached 83.6. In the previous year the temperature did not exceed 80.8, but perhaps the most marked fact is that in August the temperature on the 4th reached 82.5, while the highest in the previous August was 73.4. If we refer to the temperature of the summer months, we find that in June and July the means were both higher than in the previous year, but for August it was slightly lower.

73. If we look at the records of sunshine we find that in June there were no less than 211 hours, compared with 104 hours in 1907; while in July there were 163 hours, compared with 147 hours in the previous year. August was a little deficient compared with the previous year, 146 hours only being recorded against 150 hours. The total sunshine for the year was 1,223 hours, as against 1,186 in 1907. It is very interesting to note that on the whole, though the earlier months of the summer were sunny and pleasant, the latter months were cooler, with the consequence that the effect on the health was not so marked as usual, an excess of Infantile Diarrhœa being generally apparent in a warm and dry summer, though not marked in 1907.

GENERAL SANITARY WORK.

74. In the Appendix will be found the usual Tables referring to Mortality and Disease, showing the incidence on the various Wards of the Borough, while the Inspector's Table shows the work which has been carried out in his Department The work done by the Sub-Inspector has been of value, but as the Borough increases it is becoming obvious to me that it will be necessary for the Sub-Inspector to give the whole of his time to the work of the Health Department. At times now he has to give, on occasions, a considerable amount of time to the testing of new drains, in the Surveyor's Department, and consequently his services are not available for what I may term purely sanitary work.

75. A certain amount of systematic inspection has been carried out during the year, but I should like to see more time given to this, and am hoping that in the future a complete Sanitary survey may be made of the populous wards of the Borough.

CONCLUSION.

76. It is not to be expected that year after year the statistics would continue to shew record rates of mortality and sickness, but it is allowable to hope that the general result of the sanitary effort extended in maintaining efficiency in the Borough would allow good vital statistics to be reported. That this is the case the present Report proves, for in all instances our records are satisfactory, compared with those of the average ten-year period. Speaking generally, the Borough is thoroughly well equipped, and the Report proves that the more urgent matters requiring attention will be attended to in the near future. Still, bearing in mind all that I have said, I feel that it is necessary to keep under your observation certain urgent matters that require attention, and these are: ;—

First.—The carrying out of the scheme of public scavenging already adopted.

Second.—The early completion of the sewerage of the Streetly District.

Third. The complete abolition in the Central Wards of the remaining privy middens.

77. I cannot close this Report without again recording how much the work of my Department has benefited by the kindly consideration extended to me by yourself, Mr. Chairman, the Members of the Committee, and by my brother officers.

I remain

Your obedient servant,

A. BOSTOCK HILL, M. Sc., M.D., D.P.H., Camb.,
Medical Officer of Health.

TABLE I.

SUTTON COLDFIELD URBAN DISTRICT.

Vital Statistics of Whole District during 1908 and Previous Years.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond District.	Net Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate*	Number.	Rate per 1,000 Births registered.	Number.	Rate*				Number.	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1898	12,619	219	17·35	20	91	146	11·56	—	1	2	147	11·64
1899	13,800	310	22·46	30	96	168	12·17	—	6	5	167	12·10
1900	14,517	322	22·18	30	93	168	11·57	—	5	5	168	11·57
1901	14,400	340	23·61	33	97	170	11·80	1	7	8	171	11·87
1902	15,635	383	24·02	40	103	185	11·60	9	5	8	188	11·79
1903	16,619	364	21·90	37	101	191	11·48	1	3	11	199	11·97
1904	17,521	360	20·54	49	136	174	9·93	2	2	17	183	10·44
1905	18,491	368	19·90	27	73	153	8·27	1	4	21	170	9·19
1906	19,347	399	20·62	36	90	171	8·83	1	—	17	188	9·71
1907	20,391	402	19·71	26	65	164	7·99	2	—	19	183	8·97
Averages for years 1898 1907	16,334	346	21·23	33	94	169	10·52	1·7	3	11	178	10·92
1908	20,952	379	17·74	38	95	194	9·08	5	—	16	203	9·50

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 13,030

Total population at all ages, 14,264
Number of inhabited houses, 3,073
Average number of persons per house, 4·64
} At Census of 1901.

I. Institutions within the District receiving sick and infirm persons from outside the District.	II Institutions outside the District receiving sick and infirm persons from the District.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
Nil.	Aston Union Workhouse, situate at Erdington.	The Princess Alice Orphanage, situate in Boldmere Ward.
	The General Hospital, Birmingham.	The Cottage Hospital, situate in Maney Ward.

TABLE II.

Vital Statistics of separate Localities in 1908 and previous years.

SUTTON COLDFIELD URBAN DISTRICT.

Names of Localities.	1. Boldmere Ward.				2. Hill Ward.				3. Maney Ward.				4. Trinity Ward.				5. Walmley Ward.				6. Wylde Green Ward				7. Public Institutions beyond District.			
Year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
	a	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*
1898	2,782	57	25	7	2,160	33	30	2	2,644	51	31	6	2,289	32	26	2	1,157	24	16	2	1,587	22	19	1	—	—	—	—
1899	3,158	70	31	8	2,283	51	18	3	2,981	81	40	10	2,441	36	43	6	1,251	35	15	2	1,686	37	20	1	—	—	—	—
1900	3,418	96	41	13	2,238	46	21	4	3,088	79	29	8	2,533	36	29	2	1,343	30	18	2	1,897	35	30	4	—	—	—	—
1901	3,325	81	43	10	2,042	57	25	1	3,331	55	37	8	2,608	42	27	7	1,346	27	13	1	1,848	43	26	6	—	5	1	—
1902	3,831	99	40	12	2,399	65	29	7	3,457	87	45	9	2,677	45	28	2	1,253	36	15	3	2,018	51	31	6	—	—	9	—
1903	4,068	89	44	10	2,594	59	40	9	3,591	98	46	11	2,977	45	36	4	1,276	28	12	—	2,098	45	21	3	—	—	12	1
1904	4,261	77	38	11	2,789	78	38	11	3,772	80	48	14	3,154	49	29	6	1,291	31	7	2	2,255	45	23	5	—	—	—	—
1905	4,460	76	36	4	2,955	66	23	3	3,958	93	49	10	3,392	58	33	6	1,336	29	8	1	2,390	46	21	3	—	—	1	—
1906	4,695	89	33	10	3,225	73	25	3	4,155	88	59	10	3,498	70	29	6	1,369	30	17	3	2,445	49	25	4	—	—	17	1
1907	4,991	95	31	6	3,341	63	33	4	4,232	111	48	9	3,786	57	29	2	1,447	34	19	2	2,594	42	23	4	—	—	19	2
Averages of Years 1898 to 1907	3,899	83	36	9	2,602	59	28	5	3,521	81	43	9	2,935	47	31	4	1,307	30	14	1·8	2,082	41	24	4	—	·5	6	·4
1908	5,200	96	47	12	3,433	67	41	6	4,250	71	47	10	3,916	52	30	5	1,462	34	12	2	2,691	59	26	3	—	—	16	1

TABLE III.

SUTTON COLDFIELD URBAN DISTRICT.

Cases of Infectious Disease notified during the Year 1908.

Notifiable Disease	Cases notified in Whole District.							Total Cases notified in each Locality.							No. of Cases removed to Hospital from each Locality.							
	At all Ages.	At Ages—Years.						1	2	3	4	5	6	7	1	2	3	4	5	6	7	8
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65	65 and upwards.	Boldmere Ward.	Hill Ward.	Maney Ward.	Trinity Ward.	Walmley Ward.	Wylde Green Ward.	Public Institutions.	Boldmere Ward.	Hill Ward.	Maney Ward.	Trinity Ward.	Walmley Ward.	Wylde Green Ward	Public Institutions.	Total cases removed to Hospital.
Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membranous croup)	28	1	4	17	4	2	—	5	14	5	2	1	1	—	—	—	—	—	—	—	—	—
Erysipelas... ..	11	—	3	1	2	3	2	2	3	2	—	2	2	—	—	—	—	—	—	—	—	—
Scarlet fever ...	63	—	15	40	4	4	—	18	21	5	3	2	14	—	3	13	5	3	—	11	—	35
Typhus fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric fever ..	3	—	—	1	—	2	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Relapsing fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals... ...	105	1	22	59	10	11	2	26	38	13	6	5	17	—	3	13	5	3	—	11	—	35

Isolation Hospital—Aston Manor Joint Hospital, partly in Perry Barr and Erdington Urban Districts.

TABLE IV.—SUTTON COLDFIELD URBAN DISTRICT.

Causes of, and Ages at, Death during Year 1908.

CAUSES OF DEATH	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Deaths at all ages of "Residents" belonging to Localities, whether occurring in or beyond the District.						Total Death whether of "Residents" or "non Residents" in Public Institutions in the District.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Boldmere Ward.	Hill Ward.	Maney Ward.	Trinity Ward.	Walmley Ward.	Wylde Green Ward.	
1	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	1	—	1	—	—	—	—	—	—	—	—	1	—	—
Scarlet fever	3	—	1	1	—	1	—	1	1	—	—	—	1	—
Whooping-cough	6	2	3	1	—	—	—	1	1	3	—	1	—	—
Diphtheria and membranous croup	5	—	2	3	—	—	—	2	2	1	—	—	—	1
Croup	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fever — Typhus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fever — Enteric	1	—	—	—	—	1	—	—	—	—	1	—	—	—
Fever — Other continued	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epidemic influenza	6	—	—	—	—	2	4	—	3	2	—	—	1	—
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhœa	4	3	—	—	—	1	—	3	1	—	—	—	—	—
Enteritis	3	2	—	—	—	1	—	3	—	—	—	—	—	—
Puerperal fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phthisis (Pulmonary Tuberculosis)	12	—	1	—	4	7	—	1	2	3	4	—	2	1
Other tubercular diseases	11	5	2	—	2	2	—	3	3	1	2	—	2	1
Cancer, malignant disease	18	—	—	—	—	9	9	3	2	5	2	—	6	—
Bronchitis	10	2	—	—	—	2	6	1	1	5	2	1	—	—
Pneumonia	13	3	3	1	—	—	6	3	1	3	1	2	3	—
Pleurisy	1	—	—	—	—	—	1	—	—	—	1	—	—	—
Other diseases of Respiratory organs	3	—	—	—	—	2	1	—	—	2	1	—	—	—
Alcoholism—Cirrhosis of liver	1	—	—	—	—	—	1	—	—	—	—	—	1	—
Venereal diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Premature birth	9	9	—	—	—	—	—	3	2	3	—	1	—	—
Diseases and accidents of parturition	1	—	—	—	—	1	—	—	—	—	1	—	—	—
Heart diseases	23	1	—	1	—	11	10	6	6	4	5	1	1	—
Accidents	5	—	1	—	—	2	2	1	2	1	1	—	—	1
Suicides	2	—	—	—	1	1	—	—	—	—	2	—	—	—
All other causes	65	11	2	1	3	14	34	16	14	14	7	5	9	1
All causes	203	38	16	8	10	57	74	47	41	47	30	12	26	5

TABLE V.—BOROUGH OF SUTTON COLDFIELD.

INFANTILE MORTALITY DURING THE YEAR 1908.

Deaths from stated causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week	1—2 Weeks	2—3 Weeks	3—4 Weeks	Total under 1 Month.	1—2 Months	2—3 Months	3—4 Months	4—5 Months	5—6 Months	6—7 Months	7—8 Months	8—9 Months	9—10 Months	10—11 Months	11—12 Months	Total Deaths under One Year.
All Causes.	Certified	9	5	2	1	17	1		4	3	3	2	1	4			2	37
	Uncertified											1						1
i. Common Infectious Diseases	Small-pox																	
	Chicken-pox																	
	Measles																	
	Scarlet Fever																	
	Diphtheria (including Membraneous Croup)													1				
	Whooping Cough																1	2
ii. Diarrhœal Diseases	Diarrhœa, all forms									1	1	1						3
	Enteritis, Muco-enteritis, Gastro-enteritis		1			1								1				2
	Gastritis, Gastro-intestinal Catarrh																	
iii. Wasting Diseases	Premature Birth	6	3			9												9
	Congenital Defects	2				2			1									3
	Injury at Birth																	
	Want of Breast Milk, Starvation																	
	Atrophy, Debility, Marasmus			1	1	2			1	1								4
iv. Tuberculous Diseases	Tuberculous Meningitis											2		1				3
	Tuberculous Peritonitis: Tabes Mesenterica																	
	Other Tuberculous Diseases			1		1			1									2
v Other Causes.	Erysipelas																	
	Syphilis																	
	Rickets																	
	Meningitis (*not Tuberculous*)																	
	Convulsions	1				1					1							2
	Bronchitis								1	1								2
	Laryngitis																	
	Pneumonia						1										1	3
	Suffocation, overlying											1						
	Other Causes		1			1							1	1				3
		9	5	2	1	17	1		4	3	3	3	1	4			2	38

Births in the Year { Legitimate 371 / Illegitimate 8 }

Deaths from all Causes at all Ages, 203

Population, estimated to middle of 1908 .. .. .. 20,952.

TABLE VI.

WATER: RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

No. of Sample.	Locality.	Date.	Free and Saline Ammonia.	Organic Ammonia.	Chlorine in Chlorides.	Nitrogen in Nitrates and Nitrites.	Oxygen Absorbed in four hours at 80° F.	Total Solid Matter.
	SAMPLES OF PUBLIC SUPPLY.	1908.						
1	Hill Ward	Jan. 2	0	0·003	1·9	0	0·015	28
3	Boldmere "	Mch. 2	0	0·003	2 0	trace	0·030	30
4	Walmley "	May 4	0	0·003	2·0	trace	0·022	30
8	Wylde Green "	July 6	0	0 008	2·0	0·20	0·002	38
9	Maney "	Sept. 1	0	0·004	1·9	trace	0·018	26
10	Trinity "	Nov. 16	0·001	0·010	1·9	trace	0·015	30
	SAMPLES OF WELL WATER.							
2	Graves, Penns Lane	Feb. 3	0·001	0·016	5·0	0·88	...	80
5	Inside Crystal Palace	May 18	0·040	0·008	2·5	1·43	...	40
6	Outside Crystal Palace	"	0 060	0·016	3·9	1·54	...	52
7	Crystal Palace	July 6	0	0·004	1·3	0·11	...	22

TABLE VII.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the year 1908.

Description of Work Performed.		Inspections and Observations made.	Formal Notices by Authority.	Nuisances Abated after Notice.
Dwelling Houses and Schools	Foul Conditions	251	205	205
	Structural Defects	231	129	129
	Overcrowding	...	...	...
	Unfit for Habitation	...	...	...
	Lodging Houses	...	...	...
	Dairies and Milkshops	30	...	...
	Cow Sheds	47	2	2
	Bakehouses	55	...	...
	Slaughter-houses...	82	...	...
	Canal Boats	...	...	...
	Ashpits and Privies	1970	134	134
	Deposits of Refuse and Manure	25	17	17
	Water-Closets	732	192	192
House Drainage	Defective Traps	12	4	4
	No Disconnection	...	...	...
	Other Faults	85	31	31
	Water Supply	12	2	2
	Pig-sties	19	4	4
	Animals improperly kept ...	54	5	5
	Offensive Trades...	2	...	...
	Smoke Nuisances	3	...	...
	Other Nuisances...	46	6	6
	Totals	3656	731	731

TABLE VII.—Continued.

Description of Work Performed.	Nos.
Seizures of unwholesome Food	...
Samples of Food taken for Analysis	...
,, ,, found Adulterated	...
,, of Water taken for Analysis	10
,, ,, condemned as unfit for use	2
Note.—Where an inspection or notice embraces more than one defect, it may be enumerated separately as regards each such defect.	
Precautions against Infectious Disease.	
Lots of Infected Bedding Stoved or Destroyed	95
Houses Disinfected after Infectious Disease	95
Schools ,, ,, ,, ,, ...	9
Prosecutions for not Notifying Existence of Infectious Disease	...
Convictions ,, ,, ,, ,, ,,	...
Prosecutions for Exposure of Infected Persons or Things ...	...
Convictions ,, ,, ,, ,, ...	...

FREDK. MERRIFIELD,
Inspector of Nuisances.

TABLE VIII.

SUTTON COLDFIELD SANITARY AUTHORITY.

Return showing the number of Births Registered, together with the number of such cases successfully Vaccinated or otherwise disposed of in the above District, during the year ending 30th June, 1908.

Vaccination District.	No. of Births Registered during the year ending 30th June, 1908	No. of these cases successfully Vaccinated.	Insusceptible of Vaccination.	Died before Vaccination.	Cases under Postponement.	Removals to other Districts out of the Union.	No. of Cases not to be found.	No. of Cases remaining Unvaccinated at date of this return.	No. of Conscientious Objection Certificates
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Sutton Coldfield Borough (for Year ending 30th June, 1908)	404	324	2	25	10	7	6	2	28

ERNEST HATELEY

Vaccination Officer,

ERDINGTON.

December 22nd, 1908.

TABLE IX.

Shewing Streets in the Borough in which Cases of Infectious Disease have been notified.

Ward and Street.	Small Pox.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Croup.	Puerperal Fever.
Boldmere—							
Highbridge Road ...	—	4	1	—	—	—	—
Jockey Road ...	—	6	1	—	1	—	—
Western Road ...	—	1	1	—	—	—	—
Chester Road ...	—	5	—	—	—	—	—
Station Road ...	—	1	—	—	—	—	—
Sheffield Road ...	—	—	1	—	1	—	—
Somerville Road ...	—	—	—	1	—	—	—
Church Road ...	—	1	—	—	—	—	—
Sycamore Road ...	—	—	1	—	—	—	—
Hill—							
Lichfield Road ...	—	7	4	—	1	—	—
Belwell Lane .	—	1	1	—	1	—	—
Little Sutton Road ...	—	1	—	—	—	—	—
Walsall Road ..	—	1	2	—	1	—	—
Mere Green Road ...	—	2	3	—	—	—	—
Roughley	—	1	1	—	—	—	—
Hill Village Road ..	—	—	1	—	—	—	—
Springhill	—	3	2	—	—	—	—
Middleton Road ..	—	1	—	—	—	—	—
Church Lane ...	—	3	—	—	—	—	—
Clarence Road ...	—	1	—	—	—	—	—
							—
Maney—							
Newhall Street ..	—	1	—	—	—	—	
Holland Road ...	—	—	1	—	—	—	
Elms Road ...	—	—	1	—	—	—	—
Victoria Road ...	—	—	—	1	—	—	—
Holland Street ...	—	2	—	—	1	—	—

TABLE IX.—Continued.

Ward and Street.	Small Pox.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Croup.	Puerperal Fever.
Maney—*Continued.*							
Queen Street ...	—	—	3	—	—	—	—
Manor Hill ..	—	1	—	—	—	—	—
Parade ...	—	1	—	—	1	—	—
Trinity—							
Lichfield Road ...	—	—	—	1	—	—	—
Lynden Road ...	—	1	1	—	—	—	—
Riland Road ...	—	2	1	—	—	—	—
Walmley—							
Withey Hill ...	—	—	—	—	1	—	—
White House Common ..	—	—	1	—	—	—	—
Walmley Ash Road..	—	1	—	—	—	—	—
Wiggins Hill ...	—	1	—	—	—	—	—
Lindridge Road ...	—	—	—	—	1	—	—
Wylde Green—							
Penns Lane ...	—	8	1	—	—	—	—
Florence Road ...	—	1	—	—	1	—	—
Birmingham Road ..	—	1	—	—	—	—	—
Goldeslie Road ...	—	—	—	—	1	—	—
Green Lanes ..	—	3	—	—	—	—	—
Station Road ...	—	1	—	—	—	—	—
Totals	—	63	28	3	11	—	—

TABLE X.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE PARK LODGE AND COUNCIL HOUSE, SUTTON COLDFIELD, DURING THE YEAR ENDING 31st DECEMBER, 1908, BY THE PARK FORESTER (Mr. H. HARLOND).

Lat.: 52 deg. 33 mi. 22 sec., N. Long.: 1 deg. 49 mi. 42 sec., W.

Height of Rain Gauge above Sea Level, 370·5 feet.

MONTH.	RAINFALL.				BAROMETER.				THERMOMETERS. In Shade.								SUNSHINE.		MONTH
	Total Depth in inches.	Number of days on which Rain fell.	Greatest fall in 24 hours.		Highest Corrected Readings.		Lowest Corrected Readings.		Highest Readings.		Lowest Readings.		Mean Temperature for Month.	Highest Readings in Sun.		Lowest Readings on Grass.			
			Depth.	Date.	Inches.	Date.	Inches.	Date.	Degrees.	Date.	Degrees.	Date.	Degrees.	Degrees.	Date.	Degrees.	Date.	Hours.	Mins.	
January	0·66	13	·15	5th	30·566	21st	29·436	8th	55·2	28th	11·6	12th	34·2	74·3	28th	11·0	12th	51	42	January
February	1·26	15	·29	15th	30·572	7th	29·210	28th	51·8	18th	22·5	13th	40·4	95·0	19th	20·0	2nd	57	48	February
March	2·97	18	·63	24th	30·072	27th	29·160	6th	56·8	9th	24·5	20th	41·4	102·8	31st	21·2	18th	62	38	March
April	2·89	16	·89	28th	30·426	11th	29·568	3rd	60·5	10th	23·3	8th	42·5	109·4	17th	22·5	8th	113	21	April
May	3·24	14	1·53	2nd	30·716	20th	29·510	6th	76·2	28th	33·5	24th	54·2	125·8	18th	30·5	24th	154	50	May
June	2·76	10	1·34	3rd	30·391	25th	29·780	16th	80·0	4th	34·5	22nd	57·4	131·0	4th	29·8	22nd	211	4	June
July	3·12	11	·60	9th	30·436	29th	29·408	17th	83·6	4th	40·2	8th	60·2	131·0	3rd	38·6	8th	163	13	July
August	2·69	14	·67	31st	30·397	3rd	29·687	23rd	82·5	4th	36·4	17th	56·4	128·7	8th	33·4	17th	146	55	August
September	1·86	14	·43	3rd	30·222	14th	29·470	9th	72.5	30th	31·7	13th	55·7	113·0	30th	29·4	13th	92	0	September
October	2·31	12	1·01	18th	30·515	22nd	29·886	28th	77·2	1st	26·0	25th	51·9	118·0	1st	23·7	25th	88	53	October
November	1·47	11	·38	12th	30·367	30th	29·770	14th	56·0	12th	16·0	10th	41·9	84·6	9th	12·8	10th	61	11	November
December	2·11	20	·40	28th	30·387	2nd	28·913	11th	55·0	22nd	10·0	28th	36·8	72·8	12th	8·4	28th	20	27	December
Totals	27·34	168										Mean for the Year	47·8				Total	1223	42	

W. A. H. CLARRY, Borough Surveyor.

TABLE XI.

EXTRACTS FROM REGISTER, FACTORY AND WORKSHOPS ACT, 1901.

No. in Register.	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W. C.		Lighting.	Warming.	Ventilation.	Paint, Paper or Limewash.	Remarks
					M.	F.					
1	Laundry	48,575	155	52	1	3	Windows and Electricity	Steam Pipes	Windows	Limewashed	Everything satisfactory
2	Generation of Electricity ...	136,400	—	3	1	–	Windows and Electricity	Boilers and Steam Pipes	Windows and Top	Glazed Bricks and Limewashed	Everything excellent
3	Mineral Waters ...	74,382	—	9	1	1	Windows and Gas	Small Boiler	Windows and Top	Limewashed	Everything new and in good order
4	Baking	5,787	23	2	1	–	Windows and Gas	Ovens	Windows and Top	Limewashed	Satisfactory
5	do.	3,420	13	3	1	–	Windows and Gas	Oven	Windows and Doors	Limewashed	Satisfactory
6	do.	3,160	12	2	1	–	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
7	do.	4,494	17	2	1	–	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
8	do.	1,540	6	1	1	–	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
10	do.	2,700	10	4	1	–	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
11	do	721	2	2	1	–	Windows	Oven	Windows and Top	Limewashed	Satisfactory
12	do.	1,381	5	2	1	–	Windows	Oven	Windows and Top	Limewashed	Satisfactory
14	do.	864	3	1	1	–	Windows	Oven	Windows and Top	Limewashed	Satisfactory
15	do.	1,026	4	2	1	–	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
16	do.	1,395	5	2	1	–	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
17	Dressmaking	3,042	12	5	–	2	Windows and Gas	Fireplaces	Windows and Doors	Papered	Satisfactory
18	do.	1,296	5	3	–	1	Windows and Gas	Fireplace	Window and Door	Papered	Satisfactory
20	Laundry	22,040	—	5	1	2	Windows and Gas	...	Windows	Limewashed	Satisfactory
21	Dressmaking	2,160	8	4	–	1	Windows and Gas	Fireplace	Windows and Door	Papered	Satisfactory
22	do.	2,488	9	6	–	1	Windows and Gas	Fireplaces	Windows and Doors	Papered	Satisfactory
23	do.	1,920	7	2	–	2	Windows and Gas	Fireplace	Window and Door	Papered	Satisfactory
24	do.	1,237	4	2	–	1	Window and Gas	Fireplace	Window and Door	Papered	Satisfactory
25	do.	1,215	4	4	–	2	Window and Lamp	Fireplace	Window and Door	Papered	Satisfactory
26	Baking	1,600	6	1	1	–	Window	Oven	Window and Top	Limewashed	Satisfactory
27	Cabinet Making ...	4,960	19	4	–	–	Windows	Stove	Windows and Top	Limewashed	Satisfactory
	and Upholsterers ..	5,330	20	2	1	–	Windows	Stove	Windows and Top	Limewashed	Satisfactory
28	Painter	1,728	6	6	–	–	Windows	...	Windows and Top	Limewashed	Satisfactory
	Glazier ...	2,124	8	4	–	–	Windows	...	Windows and Top	Limewashed	Satisfactory
	Plumber	1,350	5	6	1	–	Windows	Stove	Windows and Door	Limewashed	Satisfactory
	Joinery	4,536	17	6	–	–	Windows and Gas	Stove	Windows and Door	Limewashed	Satisfactory
29	Joinery	11,160	40	4	–	–	Windows and Gas	...	Windows and Door		Satisfactory
	Glazier	6,370	25	3	1	–	Windows	...	Windows		Satisfactory
	Painter	1,836	7	1	–	–	Windows	...	Windows		Satisfactory
	Plumber	1,386	5	2	–	–	Windows	Stove	Windows		Satisfactory
30	Plumber	1,300	5	2	–	–	Windows	Stove	Windows	Limewashed	Satisfactory
	Glazier	2,900	6	2	–	–	Windows	...	Windows	Limewashed	Satisfactory

TABLE XI.—*Continued.*

No. in Register	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W.C. M	W.C. F.	Lighting.	Warming.	Ventilation.	Paint, Paper or Limewash.	Remarks
31	Motor and Cycle Repairs	8,505	34	4	1	–	Windows	Stove	Windows and Top	Limewashed	Satisfactory
32	Plumber	646	2	2	1	–	Window	Stove	Windows and Top	Limewashed	Satisfactory
33	Joinery	7,930	31	4	1	–	Windows and Gas	Stove	Windows and Top	Limewashed	Satisfactory
—	Blacksmith	7,560	30	2				Forge		Limewashed	Satisfactory
34	Wheelwright	4,830	18	1			Windows and Gas	...	Windows and Doors		Satisfactory
—	Painter	3,720	14	1	1	–	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
—	Wheelwright	5,184	20	3			Windows and Gas	...	Windows and Doors	Limewashed	Satisfactory
35	Cycle and Motor	2,436	9	4	1	–	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
	Repairs	8,640	34				Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
36	Joinery	39,600	158	5	Privy	–	Windows and Electricity	Stove	Windows and Doors	Limewashed	Satisfactory
37	Saw Mills	21,020	84	4	Privy	–	Doors open	Stove	Doors	Limewashed	Satisfactory
38	Steel Rolling	14,985	59								
—	Mills	20 535	82	4	Privy	–	Doors open	Engine	Doors and Top	...	Satisfactory
39	Joinery	5,669	22	3	W.C.	–	Doors open	..	Open Front	Limewashed	Satisfactory
—	Joinery	8,000	30	7	1	–	Windows and Gas	Stove	Doors and Windows	Limewashed	Satisfactory
40	Farrier	3,712	14	3	Privy	–	Windows and Gas	Forge	Doors and Windows	Limewashed	Satisfactory
—	... ...	2,583	10		W.C.	–	Windows and Gas	...	Doors and Windows	...	Satisfactory
41	Farrier	4,158	16	2	1	–	Doors open	Forge	Doors and Windows	...	Satisfactory
42	Joiner	9,544	38	2	–	–	Doors open	Hot Pipes	Doors and Windows	Limewashed	Satisfactory
43	Farrier	4,320	17	6	1	–	Windows and Doors	Forge	Windows	Limewashed	Satisfactory
		9,537	38	4	1	–	Windows and Gas	Forge	Windows and Doors		
44	Wheelwright .. .	4,212	16	1	–	–	Windows and	...	Windows and Doors	Limewashed	Satisfactory
-	Blacksmith	7,956	31	2	1	–	Electric Light	Forge	Windows	Limewashed	Satisfactory
45	Basket Making ...	2,304	9	3	1	–	Windows, Oil Lamp	...	Windows and Doors	Limewashed	Satisfactory
								Stove	Windows and Doors	Limewashed	Satisfactory
46	Baking	1,864	7	2	Privy	-	Windows, Oil Lamp	Oven	Windows and Doors	Limewashed	Satisfactory
47	Farrier	2,475	9	3	Privy	–	Windows and				
		2,227	8		W.C.	–	Electricity	Forge	Windows and Doors	Limewashed	Satisfactory
48	Joinery	6,720	26	6	1	–	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
49	Farrier	7,280	29	5	Privy	–	Windows and Gas	Forge	Windows and Doors	Limewashed	Satisfactory
—	Wheelwright... ..	4,828	19	2	–	–	Windows	..	Windows and Doors	Limewashed	Satisfactory
50	Baking	779	7	1	W.C.	–	Windows and Gas	Oven	Windows and Doors	Limewashed	Satisfactory
52	Baking	2,430	8	1	W C.	–	Windows	Oven	Windows and Doors	Limewashed	Satisfactory
53	Furniture Repairer	1,485	5	3	W.C.	–	Windows and Gas	Fire Places	Windows and Doors	Papered	Satisfactory
		1,980	7		–	W.C.	Windows and Gas	Fire Place	Windows and Doors	Papered	Satisfactory
54	Millinery	1,260	5	3	W.C.	–	Windows and Gas	Fire Place	Windows and Doors	Limewashed	Satisfactory
55	Joiner and Builder ...	8,820	35	6	E.C.	–	Windows and Gas	None	Windows and Doors	Limewashed	Satisfactory
56	Joiner and Builder ...	13,800	52	6							
57	Saw Mill and Gravel Pit	18,000	—	3	W.C.	-	Windows and Doors	None	Open Doors	...	Satisfactory

TABLE XI.—*Continued.*

No. in Register.	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W.C. M.	W.C. F.	Lighting.	Warming.	Ventilation.	Paint, Paper or Limewash.	Remarks.
58	Baking	2180	8	3	W.C.	–	Windows and Gas	Ovens	Windows and Doors	Limewashed	Satisfactory
59	Dressmaking... ...	2320	9	4	–	W.C.	Windows and Electricity	Fire	Windows and Doors	Limewashed	Satisfactory
60	Dressmaking... ...	1242	4	3	–	W.C.	Windows and Gas	Fire	Windows and Doors	Papered	Satisfactory
61	Painter and Paper Hanger	5000	20	4	W.C.	–	Windows	Stove	Windows and Doors	Limewashed	Satisfactory
63	Bootmaker	648	2	1	W.C.	–	Window and Doors	Stove	Windows and Doors		Satisfactory
65	Bootmaker	3905	12	5	W.C.	–	Windows and Gas	Fire Places	Windows and Doors	Papered	Satisfactory
66	Bootmaker	700	2	1	W.C.	–	Windows and Gas	Stove	Windows and Doors		Satisfactory
67	Bootmaker	1638	6	4	W.C.	–	Windows and Gas	Fire	Windows and Doors	Limewashed	Satisfactory
68	Plumber and Glazier	3264	12	2	W.C.	–	Windows	Stove	Windows and Doors		Satisfactory
69	Cycle and Motor Repairer	4416	16	3	–	–	Windows	Stove	Windows and Doors		Satisfactory
70	Dressmaking	1072	7	1	–	W.C.	Window	Fire Place	Window and Door	Papered	Satisfactory
72	Baking	2464	9	1	W.C.	–	Windows	Oven	Windows and Door	Limewashed	Satisfactory
74	Baking	1188	4	2	W.C.	–	Windows and Gas	Oven	Windows and Door	Limewashed	Satisfactory
75	Dressmaking... ...	1737	6	6	–	W.C.	Windows and Gas	Fire	Windows	Coloured	Satisfactory
76	Boot Repairer ...	1077	4	2	W.C.	–	Windows	Fire Place	Windows and Door	Limewashed	Satisfactory
77	Boot Repairer ...	864	3	2	W C.	–	Window	Fire Place	Window and Door	Limewashed	Satisfactory
80	Tailor	1584	6	6	W.C.	W.C.	Windows and Gas	Fire	Windows and Door	Limewashed	Satisfactory
81	Motor Repairing	6220	24	3	W.C.	–	Windows, Gas and Doors	Fire	Windows and Door	Limewashed	Satisfactory
82	Bootmaker	1092	4	2	W.C.	–	Windows, Gas and Doors	Fire	Windows and Door	Limewashed	Satisfactory
83	Bootmaker	1950	6	2	W.C.	–	Windows, Gas and Doors	Fire	Windows	Paint	Satisfactory
84	Hand Laundry ..	9072	30	6	–	W.C	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
85	Wheelwright ...	17828	20	4	W.C.	–	Windows	Fire	Windows and Doors	Limewashed	Satisfactory
86	Photographer ...	4930	18	5	W.C.	W.C.	Windows and Doors	Fires	Windows and Doors	Limewashed	Satisfactory
87	Dressmaker	792	3	2	–	W.C.	Windows	Fire	Windows and Doors	Painted	Satisfactory

FREDK. MERRIFIELD, Sanitary Inspector.

ANNUAL REPORT of Medical Officer of Health for 1908, for the Urban District of Sutton Coldfield.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, & HOMEWORK.

1.—INSPECTION.

(Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.)

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
10 Factories (including Factory Laundries) ...	22	—	—
59 Workshops (including Workshop Laundries)	86	—	—
Workplaces	—	—	—
Homeworkers' Premises	—	—	—
Total	108	—	—

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
*Nuisances under the Public Health Acts :—**				
Want of cleanliness	—	—	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors ...	—	—	—	—
Other nuisances	—	—	—	—
Sanitary accommodation—				
Insufficient	—	—	—	—
Unsuitable or defective ...	—	—	—	—
Not separate for sexes	—	—	—	—
Offences under the Factory and Workshop Act :—				
Illegal occupation of underground bakehouse (S. 101)	—	—	—	—
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)	—	—	—	—
Failure as regards lists of outworkers (S. 107)	—	—	—	—
Giving out work to be done in premises which are—				
Unwholesome (S. 108) ...	—	—	—	—
Infected (S. 110)	—	—	—	—
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S. 109)	—	—	—	—
Other offences	—	—	—	—
Total	—	—	—	—

* Including those specified in Sections 2, 3, 7 and 8 of the Factory Acts as remediable under the Public Health Acts.

3.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (S. 133)	—
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5)—	
Notified by H.M. Inspectors	—
Reports (of action taken) sent to H.M. Inspectors...	—
Other	—
Underground Bakehouses (S. 101)—	
In use during 1907	—
Certificates granted in 1907	—
" " 1908	—
In use at the end of 1908	—

Homework—	Number of Lists.	Number of Outworkers.
Lists of Outworkers (S. 107)—		
Lists received	—	—
Addresses of outworkers forwarded to other Authorities	—	—
Addresses of outworkers received from other Authorities	—	—

Homework in unwholesome or infected premises—	Wearing Apparel.	Other.
Notices prohibiting homework in unwholesome premises (S. 108)	—	—
Cases of infectious disease notified in homeworkers' premises	—	—
Orders prohibiting homework in infected premises (S. 110)	—	—

Workshops on the Register (S. 131) at the end of 1908, including the 18 Bakehouses	67
Total number of workshops on Register ...	67